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Claims

1. Transdermal therapeutic system, a comprising backing layer impermeable for active ingredients, at least a polymeric layer with therein contained Micro reservoirs and at least an active ingredient and one before use protective layer which can be removed, characterised in that A) the polymer portion of the polymeric layer at least to 70, preferably at least to 80 Gew. -, b) the micro reservoirs the active ingredient exists % from polysiloxanes contained in dissolved form, C) the solvent for the active ingredient to at least 50, preferably at least 80 Gew. - % out ambiphilen, in particular dipolar organic solvents exists and D) the ambiphile solvent to no more than about 20 Gew. - % in polysiloxane soluble and preferably with water at least in weight a relationship of a part solvent to 3 parts waters is mixable.
2. Transdermal therapeutic system according to claim 1, characterised in that the polysiloxane amine-resistant is.
3. Transdermal therapeutic system according to claim 1 or 2, characterised in that the micro reservoirs after preparation essentially free from water is.
4. Transdermal therapeutic system in accordance with or the several claims a 1 to 3, characterised in that the polysiloxane is self adhesive and if necessary at least a filler contains.
5. Transdermal therapeutic system in accordance with or the several claims a 1 to 4, characterised in that the mikroreservoirhaltige layer at least provided with an other, micro-reservoir-free, self adhesive layer to the anchorage on the skin and/or to the anchorage is provided with the backing layer.
6. Transdermal therapeutic system in accordance with or the several claims a 1 to 5, characterised in that the ambiphile solvent
Room temperature flüssig is, a convenient boiling point bottom standard conditions of over 80 C, in particular over 110 C, exhibits, preferably Diethylenglykolmonoethylether, Diethylenglykoldimethylether, one the Butandiole, Tetrahydrofurfurylalkohol, dipropylene glycol, propylene glycol or one
Mixture of it and convenient to no more than 20 Gew. - % in n hexane or n
Heptane soluble is.
7. Transdermal therapeutic system in accordance with or the several claims a 1 to 7, characterised in that the boiling point of the dipolar
Solvent over that of the solvent for the polysiloxane is appropriate, for convenient at least 10, preferably at least 30 C.
8. Transdermal therapeutic system in accordance with or the several claims a 1 to 7, characterised in that the maximum size that
Does not cross micro reservoirs 80% of the thickness of the polymeric layer, whereby those
Micro reservoirs a diameter of average 5-50, preferred of 5-30 pm exhibit.
9. Transdermal therapeutic system in accordance with or of the several claims a 1 to 8,

characterised in that the micro reservoirs beside the active ingredient and the ambiphilen solvent a crystallization inhibitor, a viscosity-increasing agent and/or an pH-adjusting substance contain.

10. Method to the preparation of films from polysiloxanes, characterised in that the active ingredient in a ambiphilen solvent, loaded with wirkstoffhaltigen micro reservoirs, which consists at least to 50 Gew % of dipolar organic solvents, dissolved will, this solution in a solution of a polysiloxane dispersed will, the resulting dispersion on a suitable film coated will and the solvent of the polysiloxane with temperatures between 25 and 100 C, preferred between 30 and 80 C remote becomes.

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